

## IN THE CLAIMS

Under 37 C.F.R. § 1.121(c), please amend the claims as indicated below; a complete listing of the claims is provided pursuant to 37 C.F.R. § 1.121(c)(1):

1. (Currently Amended) A method for inducing proliferation of an endogenous neural stem cell/neural precursor *in vivo*, said method consisting of contacting ~~the~~ endogenous a nervous tissue comprising a neural stem cell/neural precursor and a dendritic cell with a composition consisting essentially of granulocyte-macrophage colony stimulating factor (GM-CSF).

2. (Currently Amended) A method for inducing proliferation of a neural stem cell/neural precursor *in vitro*, comprising contacting the neural stem cell/neural precursor with granulocyte-macrophage colony stimulating factor (GM-CSF) and a dendritic cell in a culture medium.

3. (Currently Amended) A method for inducing proliferation of a neural stem cell/neural precursor, comprising isolating a mammalian nervous tissue comprising the neural stem cell/neural precursor and a dendritic cell, culturing the neural stem cell/neural precursor and dendritic cell in a culture medium comprising a growth factor, and then co-culturing the neural stem cell/neural precursor and dendritic cell in the presence of granulocyte-macrophage colony stimulating factor (GM-CSF).

Claims 4-16. (Canceled)